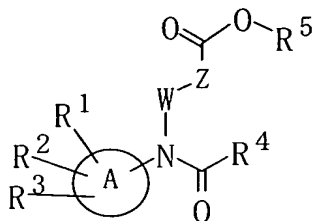


## Claims

1. A carboxylic acid derivative represented by formula:



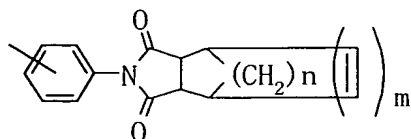
wherein ring A represents a benzene ring, a naphthalene ring or a hetero ring containing 1 to 4 hetero atoms arbitrarily selected from among a nitrogen atom, an oxygen atom and a sulfur atom,

W represents a C<sub>1-5</sub> alkylene group,

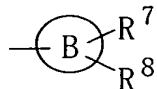
Z represents a single bond or a phenylene group,

R<sup>1</sup> and R<sup>2</sup> are the same or different and each represents a hydrogen atom, a halogen atom, a C<sub>1-5</sub> alkyl group or a C<sub>1-10</sub> alkoxy group,

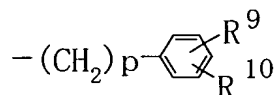
R<sup>3</sup> represents a hydrogen atom, a halogen atom, a C<sub>1-12</sub> alkyl group, a C<sub>2-5</sub> alkynyl group, a trifluoromethyl group, an acetylenyl group, a cyano group, a nitro group, a group represented by -CH<sub>2</sub>-R<sup>6</sup> [wherein R<sup>6</sup> represents a C<sub>1-5</sub> alkylthio group, a group represented by formula:



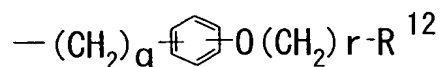
(wherein m represents 0 or 1, and n represents an integer of from 0 to 3)], a group represented by formula:



[wherein ring B represents a monocyclic hetero ring containing 1 to 3 hetero atoms arbitrarily selected from among a nitrogen atom, an oxygen atom and a sulfur atom, or a benzene ring, R<sup>7</sup> represents a hydrogen atom or a C<sub>1-5</sub> alkyl group, R<sup>8</sup> represents a hydrogen atom or a C<sub>1-5</sub> alkyl group or a group represented by formula:



(wherein R<sup>9</sup> and R<sup>10</sup> are the same or different and each represents a hydrogen atom, a halogen atom, a C<sub>1-5</sub> alkyl group or a C<sub>1-5</sub> alkoxy group, and p represents an integer of from 0 to 8)], or a group represented by -Y-R<sup>11</sup> (wherein Y represents a group represented by -CO-, -O-, -S- or -SO<sub>2</sub>-, and R<sup>11</sup> represents a C<sub>1-10</sub> alkyl group, a methyl group substituted by 1 to 3 fluorine atoms, a phenyl group, a phenyl group substituted by a C<sub>1-5</sub> alkyl group, a phenyl group substituted by a C<sub>1-5</sub> alkoxy group, a C<sub>2-8</sub> dialkylamino group or a cyclic amino group)], R<sup>4</sup> represents a group represented by formula:



(wherein R<sup>12</sup> represents a hydrogen atom or a phenyloxy group

substituted by a C<sub>1-5</sub> alkoxy group, q represents an integer of from 1 to 5, and r represents an integer of from 10 to 24), and  
R<sup>5</sup> represents a hydrogen atom or a C<sub>1-5</sub> alkyl group, or a pharmaceutically acceptable salt of the derivative.

2. The carboxylic acid derivative or the pharmaceutically acceptable salt of the derivative according to Claim 1, wherein the ring A is a benzene ring, a naphthalene ring, a thiophene ring, a thiazole ring, an isoxazole ring, a benzothiazole ring, a phthalimide ring, a coumarin ring or a dibenzofuran ring, and the ring B is a benzene ring, an oxazole ring or an oxadiazole ring.

3. The carboxylic acid derivative or the pharmaceutically acceptable salt of the derivative according to Claim 2, wherein m is 1, n is an integer of from 1 to 3 and; when Y represents -CO-, -O- or -S-, R<sup>11</sup> is a C<sub>1-10</sub> alkyl group, a methyl group substituted by 1 to 3 fluorine atoms, a phenyl group, a phenyl group substituted by a C<sub>1-5</sub> alkyl group, or a phenyl group substituted by a C<sub>1-5</sub> alkoxy group and; when Y represents -SO<sub>2</sub>-, R<sup>11</sup> represents a C<sub>2-8</sub> dialkylamino group or a cyclic amino group.

4. The carboxylic acid derivative or the pharmaceutically acceptable salt of the derivative according to Claim 3, wherein

